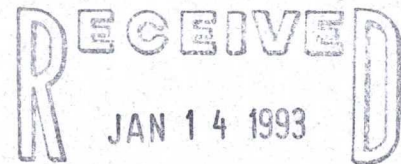


**BURLINGTON
ENVIRONMENTAL**



1/13/1993

RCRA PERMITS SECTION

CERTIFIED MAIL

January 13, 1993

Carrie Sikorski - Chief Permits Section
U.S. Environmental Protection Agency
Region 10 - M/S HW-112
1200 Sixth Avenue
Seattle, WA. 98101

FILE COPY

Dear Ms. Sikorski.

Enclosed are two copies of an updated version of Burlington Environmental's (BE) Contingency Plan for the Pier 91 Facility. This plan was modified through a Class I permit modification submitted to Ecology on December 2, 1992 by John Stiller. Please replace the version in your copies of the Pier 91 Permit Application (Section G) with these revised copies.

If you have any questions, please contact me at (206) 223-0500.

Sincerely,

Julie A. Slocum
Environmental Compliance Specialist

cc: Ecology - Doug Brown
Port of Seattle - Doug Hotchkiss

USEPA RCRA



3012834



SECTION G
CONTINGENCY PLAN

SECTION G CONTINGENCY PLAN

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PREFACE

Revised: PRMOD 1-1

40 CFR 264.51, 264.53(a), 270.14(b)(7)

WAC 173-303-350(1), 350(4)(a), 806(4)(a)(vii)

The objectives of the Burlington Environmental Inc. (BE) Pier 91 Facility Contingency Plan are to minimize and prevent hazards to public health or the environment from fires, explosions or any unplanned, sudden or non-sudden release of dangerous wastes or dangerous waste constituents to air, soil or surface water. This plan also applies to the management of hazardous materials in which a release may require preventative and responsive actions on the part of Burlington Environmental Inc.

A current copy of this plan is kept at the facility at all times and is provided to the appropriate public agencies and providers of emergency services. The Port of Seattle, providers of 24-hour guard controlled access to the Port and Pier 91, has also received a current copy of the Contingency Plan.

G1.0 GENERAL FACILITY DESCRIPTION

Revised: PRMOD 1-1

G1.1 Facility Identification, Location and Site Plan

Name

Burlington Environmental Inc.

Pier 91 Facility

2001 West Garfield Street

Seattle, Washington 98119

Phone (206) 284-2450

EPA ID No. WAD000812917

Facility Operator

Burlington Environmental Inc.

2203 Airport Way South, Suite 400

Seattle, WA 98134

(206) 223-0500

Location

The facility is located at 2001 West Garfield Street, Pier 91 in the Port of Seattle, King County, Washington. Land use is permitted and zoned as General Industrial Zone 1 (IG1) by the City of Seattle. The plant is approximately two miles northwest of downtown Seattle.

Vehicles traveling to and from Pier 91 enter the Port of Seattle via the entrance on the Garfield Street viaduct or the truck entrance on West Galer Street. Both Garfield and Galer Streets are accessed from the north by 15th Avenue West and from the south by Elliott Avenue West. Elliott and 15th Avenues are designated truck routes and provide access to State Highway 99 and Interstate 5.

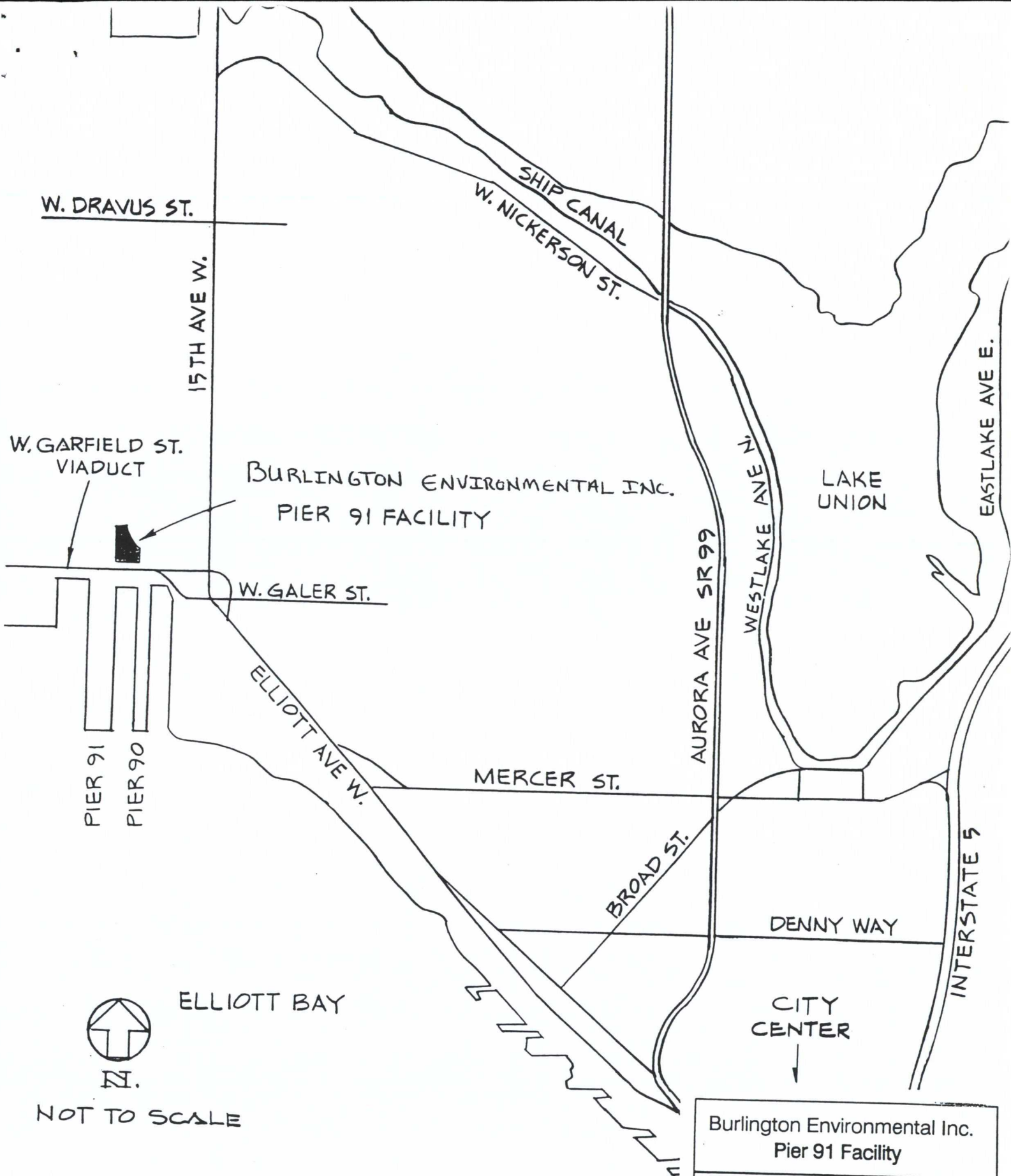
Figure G1-1 shows the access routes to the Pier 91 Facility and Figure G1-2 shows the Pier 91 Facility site plan and operational areas.

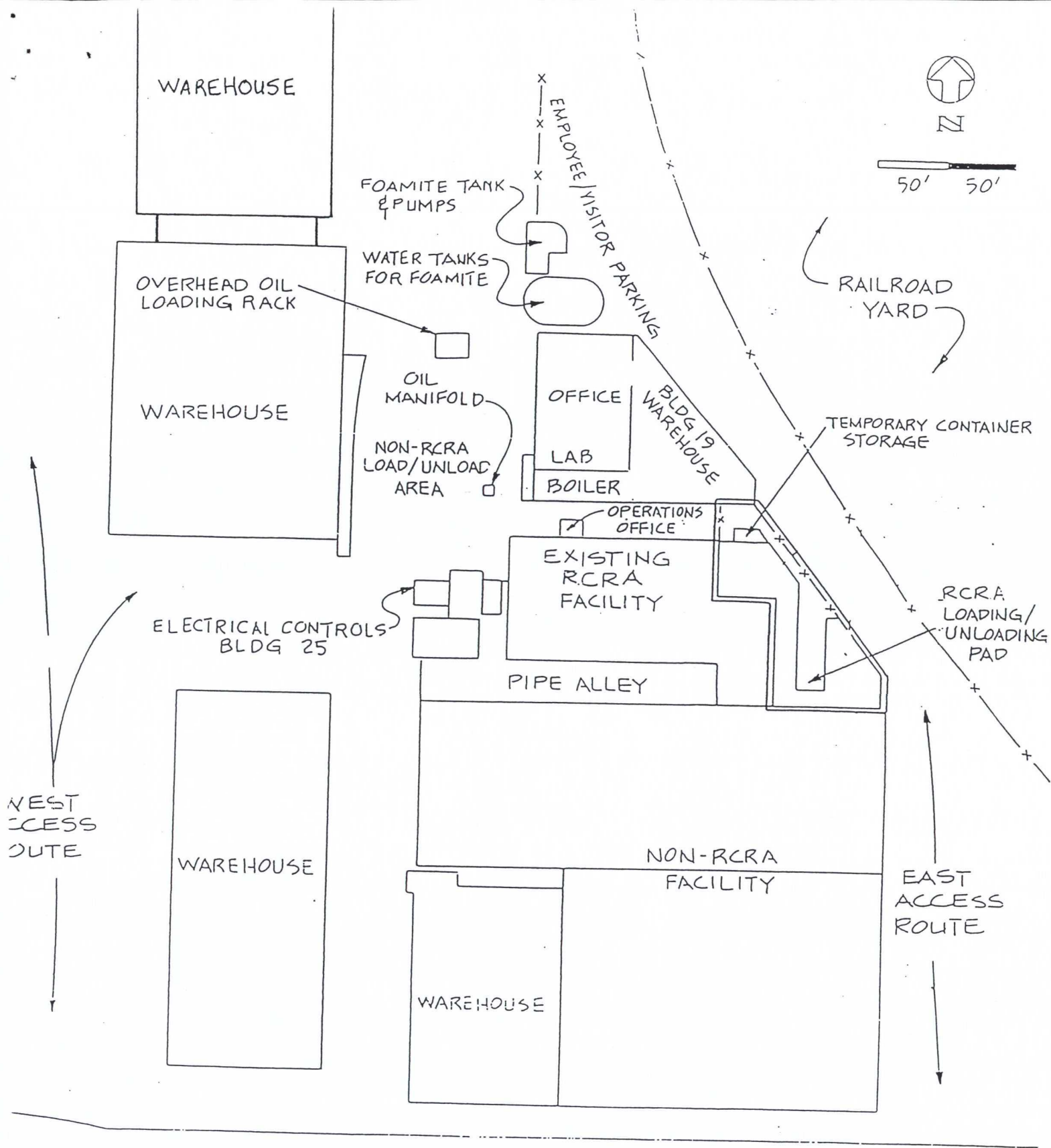
G1.2 Facility Operations

The existing dangerous waste operations are located on a 0.5 acre area consisting of a tank system with adequate secondary containment, a centrifuge, a contained truck loading/unloading pad and a temporary container storage area used for wastes generated on site. The dangerous waste operations are located on an area of approximately 0.2 acres. This area consists of a tank system with adequate secondary containment. The centrifuge unit currently used is located in the proposed dangerous waste area. Figure G1-2, Pier 91 Facility Site Plan, shows the existing and proposed operational areas of the facility.

Dangerous waste treatment at the facility includes chemical and physical treatment. These treatment processes are neutralization, precipitation, oxidation, reduction, demulsification, and heat treatment.

The facility is able to operate on a 3-shift 24 hour schedule. Each shift of 2 to 10 workers is led by a Foreman knowledgeable in emergency response and notification procedures. Employees receive training, instruction and review in facility operations, emergency procedures and contents of the Contingency Plan. See Section H, Training Plan, for further discussion of personnel qualifications and training procedures.





W. GARFIELD ST. VIADUCT

The Port of Seattle provides 24-hour controlled access to the Port and Pier 91. All entrances to the Port are manned by guards, and the guards periodically patrol the area of the facility. The dangerous waste portion of the facility is completely surrounded by a barrier (chain link fence or concrete wall). All gates are kept closed and locked during non-operational hours. The plant is illuminated by facility-wide outdoor lighting.

All operational, security, safety, emergency and waste process equipment is inspected on a regular schedule based on operational experience and engineering knowledge of the equipment and systems, including the rate of possible deterioration. Scheduled inspections are completed using pre-printed forms which list the item/feature checks for the equipment or system to ensure proper safe operation and readiness (see Section F2.0, Inspection Schedule).

G1.3 Dangerous Wastes Handled at the Facility

Wastes processed at the Pier 91 Facility include oil and coolant emulsions, industrial wastewaters including alkalis, and industrial waste sludges. Common contaminants in these wastestreams include phenolics, metals and solvents.

This facility does not handle or accept dangerous wastes F020, F021, F022, F023, F026, F027 for storage or treatment in tanks or containers.

G2.0 EMERGENCY COORDINATOR RESPONSIBILITIES

Revised: PRMOD 1-1

40 CFR 264.52(d), 264.55, 264.56

WAC 173-303-350(3)(d), 360(1)

The Emergency Coordinator (EC) is responsible for coordinating emergency response procedures in the event of any fires, explosions, unplanned releases, spills or other emergency situations occurring at the facility. The EC's duties include the following:

- assure personnel safety,
- assess the nature, severity and material(s) involved in the situation,
- initiate the Contingency Plan if appropriate and evacuation of the facility if necessary,
- notify neighboring facilities/personnel as necessary,
- direct containment and control operations,
- contact emergency agencies and authorities, and
- initiate clean-up and replenishment operations.

The EC is thoroughly familiar with all aspects of the Contingency Plan and all operations, activities, the locations and properties of wastes handled, the location of all records within the facility and the facility layout. The EC or his designee has the complete authority to commit needed resources of the company in the event of an emergency (see Appendix G-1, Letter of Authorization - Emergency Coordinators.)

The Primary or an Alternate Emergency Coordinator will be at the facility or on call at all times during both operational and non-operational hours. The Primary Emergency Coordinator is typically at the facility from 8 am to 5 pm weekdays. The on-duty EC can be reached by telephone or personal pager. Table G2-1 lists the names, addresses, office and home telephone and pager numbers of the Pier 91 Facility's Primary Emergency Coordinator and Alternates in the order in which they assume Emergency Coordinator responsibilities.

The Port of Seattle provides 24-hour controlled access to the Port and Pier 91. Guards periodically patrol the area of the facility. The Port of Seattle is provided with the list of ECs for the Pier 91 Facility (Table G2-1) and instructions for notification.

The Port of Seattle and the answering service have been instructed to first attempt to contact the Primary Emergency Coordinator then the Alternates in the order they are listed in Table G2-1, Emergency Coordinators, Pier 91 Facility.

Emergencies reported to the corporate office (206) 223-0500 after hours are received by voice mail. A menu option is available which will connect the caller directly with the Regulatory Affairs cellular phone. The cellular phone direct line for Regulatory Affairs is (206) 930-8736. Regulatory Affairs will then proceed to notify the necessary authorities.

TABLE G2-1. EMERGENCY COORDINATORS, PIER 91 FACILITY
 Revised: PRMOD 1-1

Sheet 1 of 1

EMERGENCY COORDINATORS	WORK	TELEPHONE NUMBERS (a)		HOME ADDRESS
		HOME	PAGER	
<u>Primary</u>				
1. <u>Nate Mathews</u> Plant Manager	284-2450	937-7419	994-7004	4608 SW Admiral Seattle, WA 98116
<u>Alternates</u>				
2. <u>Hector Gamboa</u> Plant Supervisor	284-2450	485-0142	994-7004	19819 64th St. NE Seattle, WA 98155
3. <u>Ron Atwood</u> Director of Operations	223-0500	226-8745	997-6216	13003 SE 188th Pl Renton, WA 98058

(a) All telephone numbers are area code (206).

G3.0 IMPLEMENTATION OF THE CONTINGENCY PLAN

Revised: PRMOD 1-1

40 CFR 264.51

Where public health or the environment are threatened, the following emergencies would call for the implementation of the Contingency Plan:

- a. Fire/explosion anywhere on premises.
- b. On-site and off-site releases of dangerous wastes or dangerous waste constituents.
- c. The occurrence of natural disasters.

Listed below are more detailed examples of the emergency incidents described above.

a. Fire/Explosion

- A fire in which the use of water or water and chemical fire suppressant could result in contaminated runoff.
- A fire which causes the release of toxic fumes.
- A fire which spreads and could possibly ignite stored materials/chemicals in other locations on site.
- A fire which could cause heat-induced explosions of materials/chemicals on site. The potential for explosion poses hazards of flying fragments, ignition of other hazardous materials and their release.

b. Material Release

- A sudden or non-sudden release which poses a threat to public health or the environment outside the facility

is a non-permitted release of a reportable quantity of a hazardous substance.

- A release on site which has been contained yet the potential exists for contamination of soil, surface or groundwater.
- A release which cannot be contained on site, resulting in off-site soil or surface water or potential groundwater contamination.
- An uncontrolled release originating from a damaged shipment which has arrived at the plant in such a condition.
- A release of gas to the air originating from an explosion or reaction of materials.

c. Natural Disaster

- A release or potential for release of hazardous materials caused by earthquake or severe flooding conditions which damage equipment, foundations, structures or tanks.
- A release or potential for release of hazardous materials caused by a severe storm involving high velocity winds or lightning which damage or overturn tanks.

G4.0 EMERGENCY RESPONSE PROCEDURES

Revised: PRMOD 1-1

G4.1 Incident Response, Assessment and Identification

40 CFR 264.56(a), (b), (c), (d)

WAC 173-303-360(2)(a), (b), (c), (d)

G4.1.1 Employee Response

Any employee, when faced with an actual or imminent emergency, will first attend to his safety. Then, if it is safe to do so, he will attend to other employees requiring immediate assistance. The employee will also notify all facility personnel of the need for assistance by means of alarm signals listed in Table G4-1. Locations of telephones/intercoms and alarm horns are shown in Figure G4-1.

In all emergency situations (regardless of size or extent) the employee involved in or discovering the situation will contact the Emergency Coordinator (EC) and provide information as to the location, nature and extent of the incident. The names, addresses and telephone numbers of the Primary and Alternate Emergency Coordinators are found in Table G2-1. The Emergency Response Notification Flow Chart (Figure G4-2) outlines the proper response/notification procedures.

Section G4.3 lists Burlington Environmental's emergency response procedures for the containment and control of emergency situations including injured or endangered employees, fires and explosions, spills and releases and damaged shipments.

METHOD/DEVICE

ACTION/REACTION

EMERGENCY ASSISTANCEVerbal Instruction - Telephone/Intercom or 2-Way Radios

- | | |
|---|--|
| <ul style="list-style-type: none"> - dial INTERCOM; state location and nature of problem (e.g. fire in treatment area) - dial INTERCOM; declare evacuation, state which assembly area | <ul style="list-style-type: none"> - go to area to assist - evacuate plant; shut down equipment, proceed to designated assembly area |
|---|--|

Audible Signal - Alarm Horn

- | | |
|---|--|
| <ul style="list-style-type: none"> - several short (2-3 sec) signals | <ul style="list-style-type: none"> - need help, come quickly e.g. spill, fire, injury |
|---|--|

Visual/Verbal Instruction - Hand Signal/Voice

- | | |
|--|--|
| <ul style="list-style-type: none"> - hand pulled quickly under chin, shout instructions - directional waving of arms, pointing, shouting of instructions | <ul style="list-style-type: none"> - shut down equipment - emergency situation e.g. spill, fire, injury, evacuation; proceed as directed |
|--|--|

EVACUATION (Coordinated by EC)Verbal Instruction - Telephone/Intercom or 2-Way Radios

- | | |
|--|--|
| <ul style="list-style-type: none"> - dial INTERCOM; declare evacuation, state which assembly area | <ul style="list-style-type: none"> - evacuate plant; shut down equipment, proceed to designated assembly area |
|--|--|

Audible Signal - Alarm Horn

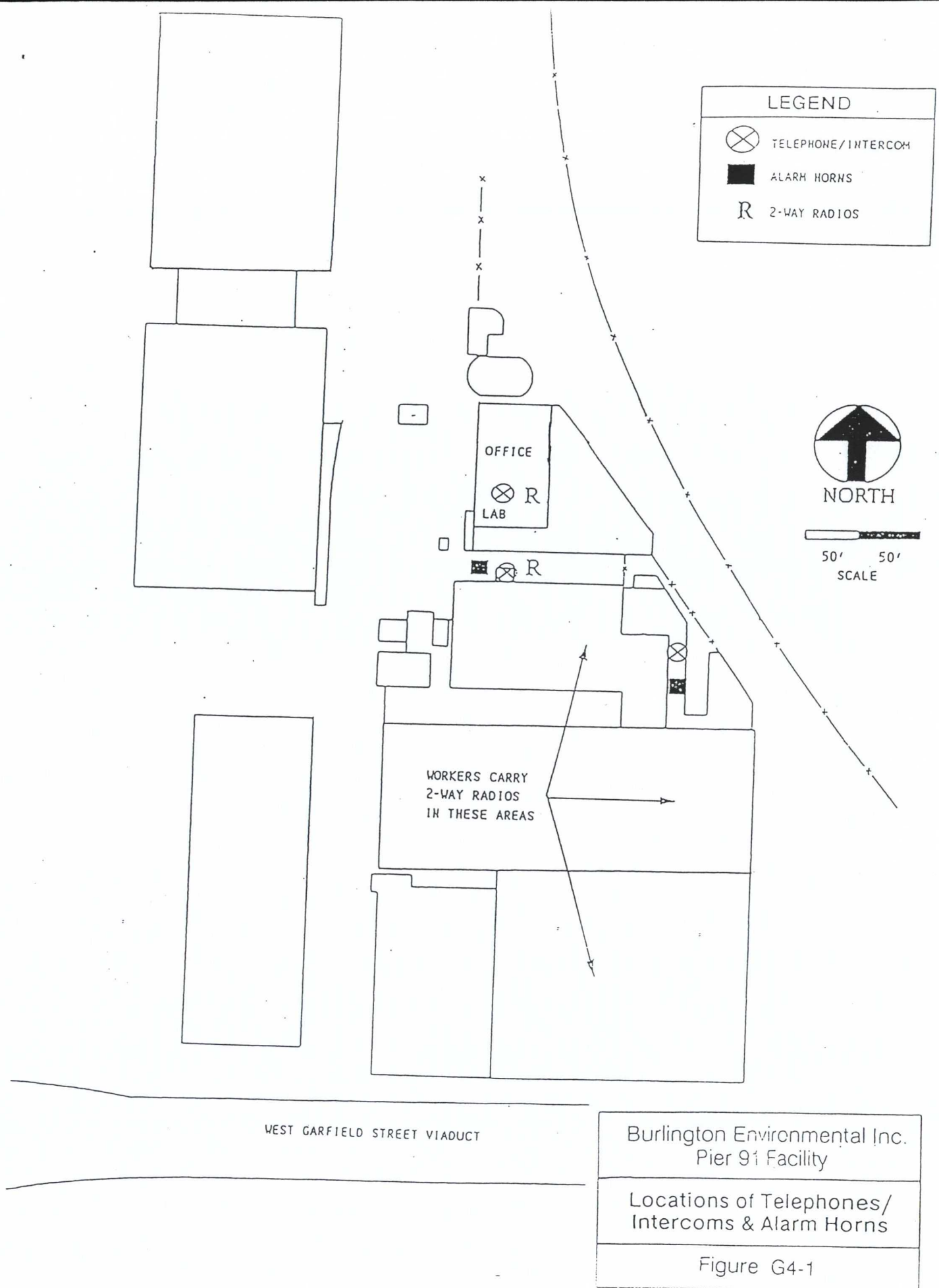
- | | |
|---|--|
| <ul style="list-style-type: none"> - one long (10-15 sec) signal; repeat - one long (10-15 sec) signal followed by one short (2-3 sec) signal; repeat | <ul style="list-style-type: none"> - evacuate plant; shut down equipment, proceed to <u>primary</u> assembly area - evacuate plant; shut down equipment, proceed to <u>secondary</u> assembly area |
|---|--|

METHOD/DEVICEACTION/REACTION

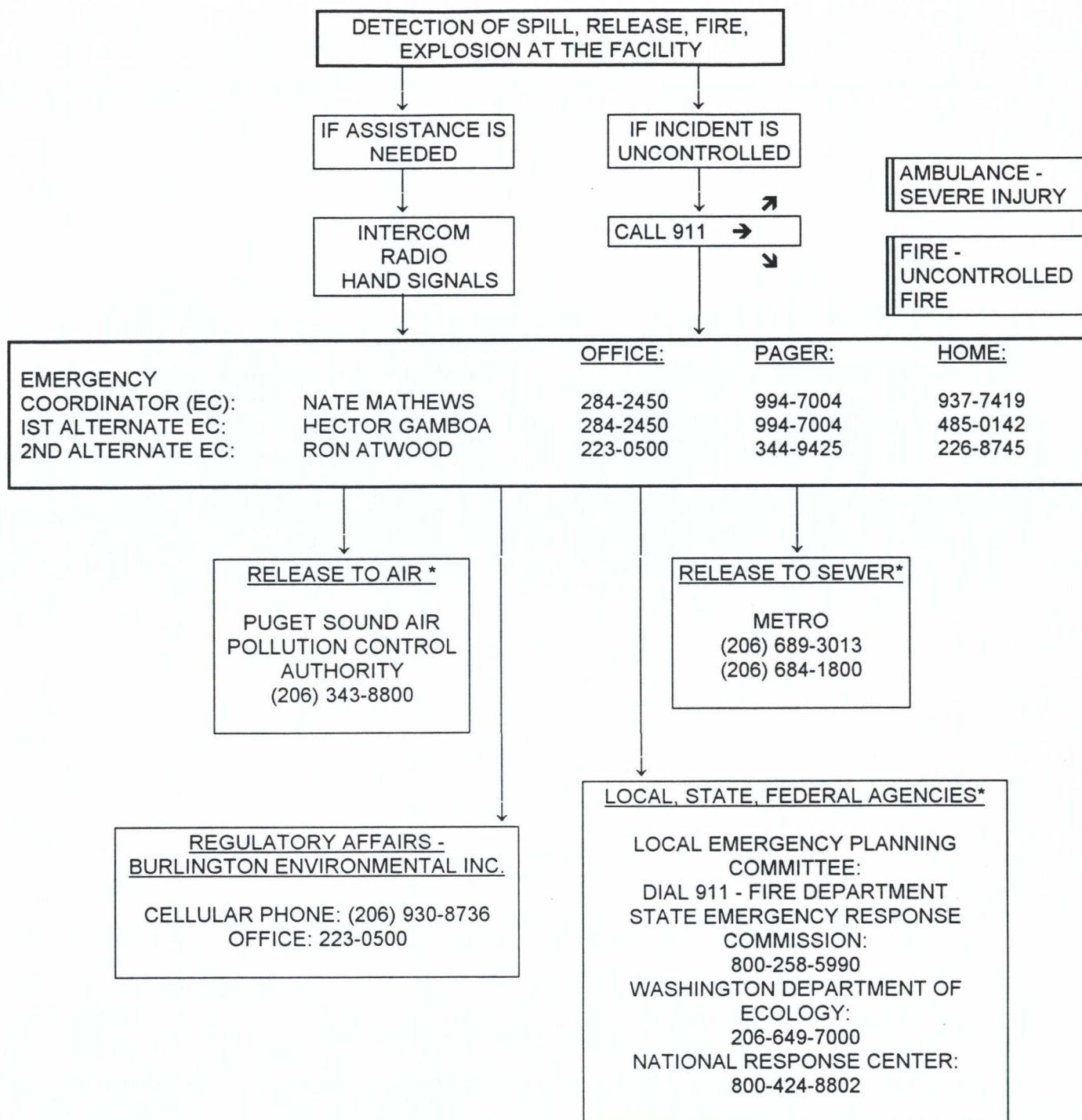
Visual/Verbal Instruction - Hand Signal/Voice

- directional waving of arms,
pointing, shouting of
instructions

- emergency situation e.g.
spill, fire, injury,
evacuation; proceed as
directed



**FIGURE G4-2 BURLINGTON ENVIRONMENTAL INC. PIER 91 FACILITY
EMERGENCY RESPONSE NOTIFICATION FLOW CHART (4-2.1)**



* THE EMERGENCY COORDINATOR WILL CONTACT THESE AGENCIES IF IT IS READILY DETERMINED THAT THE EMERGENCY THREATENS PUBLIC HEALTH OR THE ENVIRONMENT OUTSIDE THE FACILITY, OTHERWISE REGULATORY AFFAIRS WILL CONTACT THESE AGENCIES.

ACCIDENT/EMERGENCY INVOLVING EMPLOYEES OR NON-EMPLOYEES FOR:

1. NEAR MISSES (WHICH MAY INVOLVE FUTURE INJURY)
2. INJURY
3. PROPERTY DAMAGE

CALL:

	OFFICE:	PAGER:
HEALTH AND SAFETY MANAGER	223-0500	1-800-759-7243 PIN: 67170
HEALTH AND SAFETY SPECIALIST	223-0500	344-0201

G4.1.2 Emergency Coordinator Response

The EC will immediately assess the situation to determine the appropriate emergency response actions including implementation of the Contingency Plan where public health or the environment are threatened. The EC will assure that the Burlington Environmental Inc. procedures for containment and control of emergency situations are initiated (see Section G4.3, Containment and Control of Emergencies) and, if necessary, the EC will contact outside emergency service providers. Neighboring facilities/personnel who may be in danger will be notified.

In the event of any emergency (regardless of size or extent) the EC will contact the Burlington Environmental Inc. Regulatory Affairs Department and, as required, appropriate local, state and federal agencies will be notified. The EC will evaluate the severity and nature of the incident, and the character, source, quantity and aerial extent of the released materials will be identified. The Emergency Response Notification Flow Chart (Figure G4-2) outlines the proper response/notification procedures.

The selection of appropriate response actions will depend on the consideration and assessment of the following factors:

- a. The severity and nature of the incident; fire, explosion or material release.
- b. The potential of severe consequences; what is the location of the incident and to what extent might other areas become involved; are persons off site in danger; will surrounding property be damaged or contaminated; is there a threat to surface and groundwater?

- c. The current weather conditions; temperature, wind direction and velocity and how response activities might be affected.

Identification of the character, source, quantity and aerial extent of the released materials can be made through the following methods and sources of information:

- a. Eyewitness accounts; employee discovering emergency
- b. Visual inspection; aerial extent, noted fumes, odors, reactions
- c. Source; origin of leak
- d. Tank involved; type of waste stored or treated
- e. Containers involved; labels or placards
- f. Location of incident; operational or segregated storage area
- g. In-plant records; waste tracking forms, container stacking logs, tank volume logs, manifests, generators' waste profiles

If the proper identification cannot be made by using available information, it can be obtained by initiating a sampling and analysis plan to quantify the extent of contamination and associated extent of clean up. A clean up plan for a release to the soil is provided in Appendix G-2.

G4.1.3 Security Personnel/Answering Service Response

In the event an emergency occurs during non-operational hours, Port of Seattle security personnel are instructed to first attempt to contact the Primary Emergency Coordinator then the Alternates in the order they are listed on Table G2-1. If security is unable to reach a Pier 91 Facility EC, they are instructed to call the corporate office (206) 223-0500. The operator will provide contact numbers for Emergency Coordinators

at other Burlington Environmental Inc. facilities and for corporate personnel.

Emergencies reported to the corporate office (206) 223-0500 after hours are received by voice mail. A menu option is available which will connect the caller directly with the Regulatory Affairs cellular phone. The cellular phone direct line for Regulatory Affairs is (206) 930-8736. Regulatory Affairs will then proceed to notify the necessary authorities.

G4.2 Notification

40 CFR 264.56(d)

WAC 173-303-145(2) and 173-303-360(2)(d),(e)

The EC will contact Burlington Environmental's Regulatory Affairs Department in the event of any emergency regardless of size or extent. The EC will supply specific information as to the type, quantity and location of released material. Regulatory Affairs together with the EC will evaluate this information and if it is determined that the facility has had a hazardous substance release, fire or explosion which could threaten public health or the environment outside the facility or is an nonpermitted release of a reportable quantity of a hazardous substance, the proper local, state and federal agencies will be immediately notified by Regulatory Affairs. Notification will be made for nonpermitted spills or discharges occurring outside of secondary containment regardless of quantity, and for nonpermitted spills or discharges of ten gallons or more if they occur within secondary containment.

The EC will immediately contact these agencies if it is readily determined that the emergency threatens public health or the environment outside the facility. The name and phone numbers of these agencies are listed below. The Emergency Response

Notification Flow Chart (Figure G4-2) outlines the proper response/notification procedures.

- a. Washington Department of Ecology (206) 649-7000
- b. Local Emergency Planning Committee (Dial 911 - Fire Department)
- c. State Emergency Planning Commission (800) 258-5990
- d. National Response Center (800) 424-8802

Specific information concerning the spill will need to be provided to the Washington Department of Ecology and Local and State Emergency Response Committees. An example Emergency Information Reporting Form is located in Appendix G-3. Copies of this form are available at the facility and with the Regulatory Affairs Department.

Notification to the Department of Ecology will include the following:

- Name and phone number of reporter,
- Name and address of facility,
- Time and type of incident (fire, release),
- Name and the quantity of material(s) involved to the extent known,
- Extent of injuries, if any, and
- Possible hazards to public health or the environment outside the facility.

Pursuant to 40 CFR 355.40(b)(1),(2), notification to Local and State Emergency Response Committees will further include, to the extent known:

- An indication of whether the substance is an extremely hazardous substance as defined by Appendices A and B of 40 CFR 355,
- Duration of the release,
- Medium or media into which the release occurred,
- Any known or anticipated acute or chronic health risks associated with the emergency and, where appropriate, advice regarding medical attention necessary for the exposed individuals,
- Proper precautions to take as a result of the release, including evacuation, and
- Names and telephone numbers of person(s) to be contacted for further information.

G4.3 Containment and Control of Emergencies

40 CFR 264.52(a), 264.56(h)(1), 264.171, 264.196

WAC 173-303-350(3)(a),(b), 360(2)(i)(i), 630(2), 640(4)(c)

The sections which follow discuss Burlington Environmental Inc. emergency response procedures to minimize possible impact of emergency incidents on public health or the environment. These containment and control procedures may not entail the complete implementation of the Contingency Plan. Emergency response procedures are described for the containment and control of emergency situations including injured or endangered employees

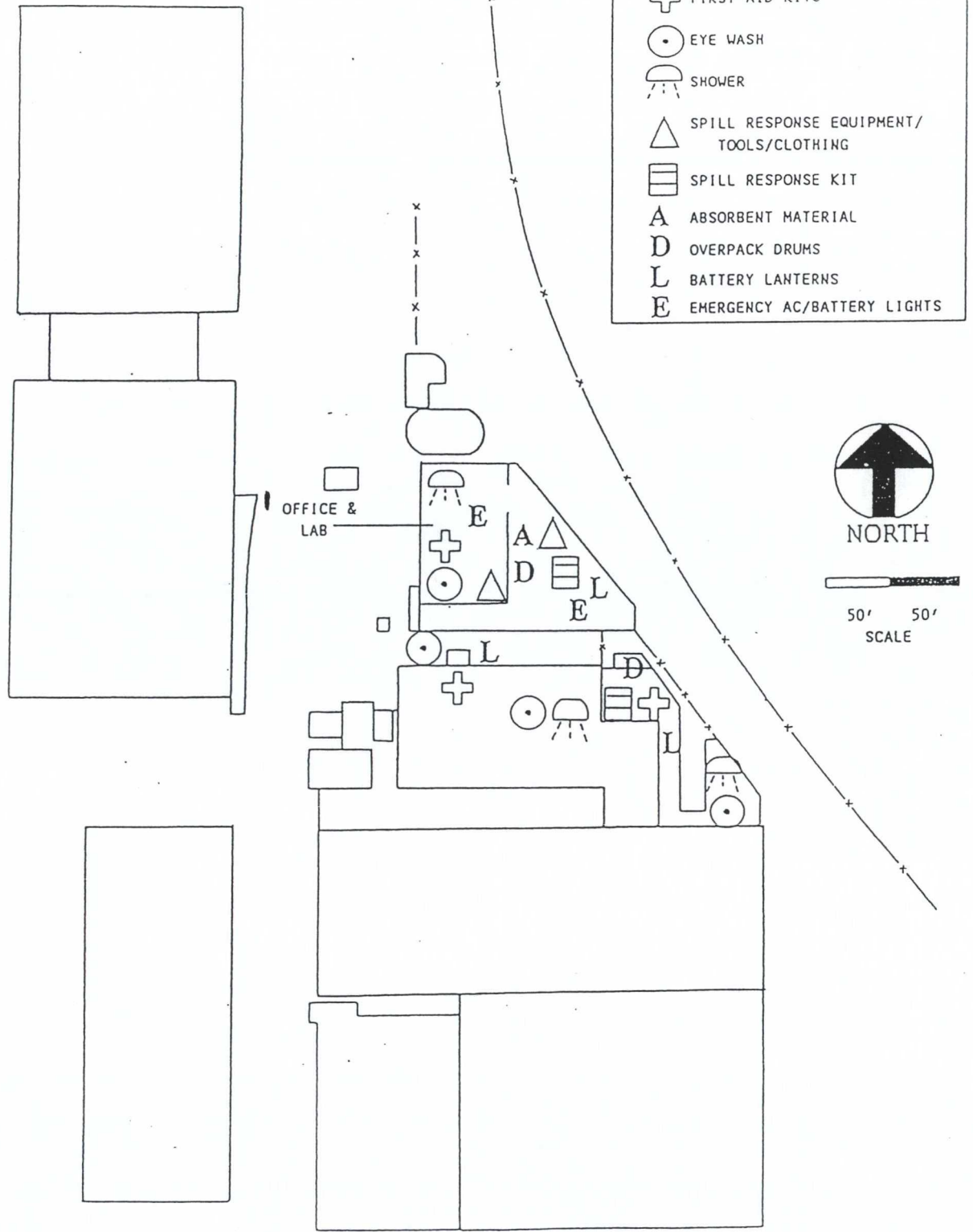
(Section G4.3.1), fires and explosions (Section G4.3.2), spills and releases (G4.3.3), and damaged shipments (G4.3.4).

The EC will commit all necessary resources of the company and may also call upon the services of Foss Environmental Services (206) 767-0441. The EC will coordinate the activities of the emergency response agencies.

Section G5.0, Emergency Equipment, lists the type, location and description of the emergency equipment maintained at the facility. Figure G4-3 shows the locations of the facility's emergency equipment and Figure G4-4 shows the locations of the fire control equipment.

G4.3.1 Injured or Endangered Employees

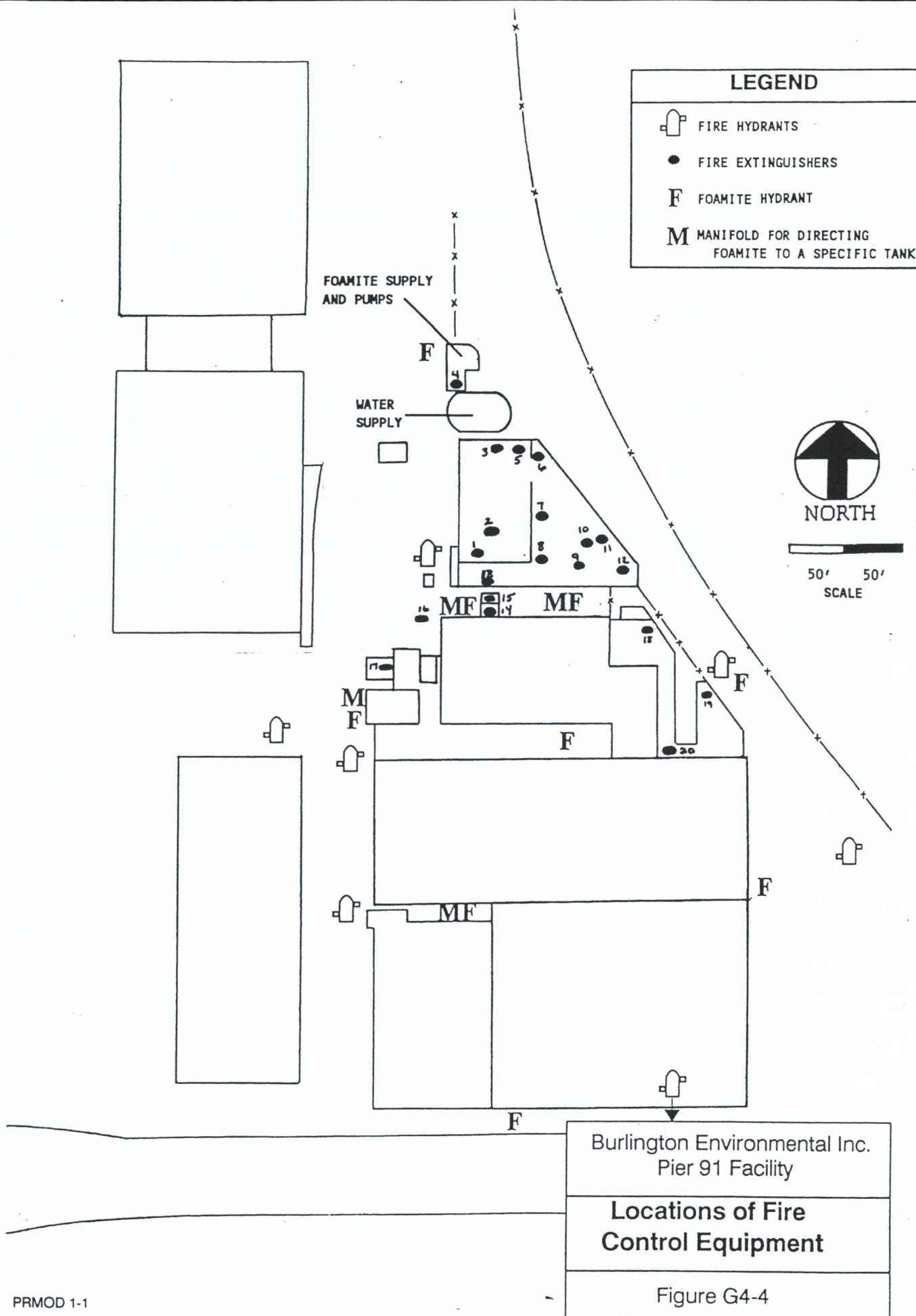
- Alert others who may be endangered, call for backup, use alarm signals (Table G4-1).
- Use appropriate protective clothing and equipment.
- Apply first aid; first aid kits are located in the operations office, main office and dangerous waste area.
- Phone 911 if ambulance is needed.
- Immediately notify EC (Table G2-1).



Burlington Environmental Inc.
Pier 91 Facility

Locations of Emergency
Equipment

Figure G4-3



G4.3.2 Fires and Explosions

- Shout "FIRE" warning.
- Alert others who may be endangered, call for back up, use alarm signals (Table G4-1).
- Cut off source, close valves, shut down pumps/equipment.
- Use appropriate protective clothing and equipment.
- Control small fires with extinguishers located throughout the facility (Figure G4-4).
- Manually activate foamite system if fire involves oil tanks (non-dangerous waste portion of facility), use remote foamite hose outlets as necessary (Figure G4-4).
- If fire is not readily and easily controlled, phone 911.
- Immediately notify EC (Table G2-1).
- Attempt to contain spills or runoff by use of absorbent material and diking.
- Remove or isolate incompatible wastes, containers and other materials away from fire when possible.

G4.3.3 Spills and Releases

Load/Unload Areas

- Alert others who may be endangered (including neighbors), call for back up, use alarm signals (Table G4-1).
- Cut off source, close valves, shut down pumps, eliminate ignition sources.
- Immediately notify EC (Table G2-1).
- Use appropriate protective clothing and equipment.
- Attempt to contain spills or runoff by use of absorbent material and diking.
- Contain and prevent further migration of any visible release to the environment outside of containment, provide for removal and proper disposal of visibly contaminated soil or surface water.
- Pump sumps containing spilled material to appropriate storage/treatment tank. If material is unknown, sample from sumps and analyze for pH, burn test, chlorides (if oil), phenol, chrome, cyanide, and/or compatibility prior to pumping to tanks.

Containers (drums)

- Alert others who may be endangered, call for back up, use alarm signals (Table G4-1).
- Use appropriate protective clothing and equipment.
- Eliminate ignition sources.

- Locate source, attempt to control leaker so container can be moved and isolated.
- Immediately notify EC (Table G2-1).
- Place container in overpack drum, if necessary.
- Use absorbent materials and diking to contain spill and prevent exposure to incompatible materials.
- Remove or isolate incompatible wastes from the affected area when possible.
- After containment is assured, transfer leaky container contents to another specification drum. Spill residues, clean up materials to be drummed as well.
- Contain and prevent further migration of any visible release to the environment outside of containment, provide for removal and proper disposal of visibly contaminated soil or surface water.

Tanks

- Alert others who may be endangered (including neighbors), call for back up, use alarm signals (Table G4-1).
- Cut off source to tank, close valves, shut down pumps, eliminate ignition sources.
- Immediately notify EC (Table G2-1).
- Use appropriate protective clothing and equipment.
- Provide for containment of spill if containment berms have been damaged.

- Remove or isolate incompatible wastes from the affected area when possible.
- Contain and prevent further migration of any visible release to the environment outside of containment, provide for removal and proper disposal of visibly contaminated soil or surface water.
- After quantity and character of spill has been determined, transfer remaining contents of leaking tank and spilled material in sumps or bermed area to an appropriate storage/treatment tank.
- Immediately remove tank involved in spill or release from service if tank is leaking or unfit for use.
- Assess reason for leak or rupture.
- Procedures for tank repair:
 - a. Transfer remaining material from tank to another compatible tank.
 - b. Air ventilate for 24 hours.
 - c. Use volatile organic vapor detector to verify no volatile vapors are present. Use confined space entry procedures for internal repairs (see Section F2.2.3, Tank Assessment Schedule, for procedure and required personal protective equipment).
 - d. For internal repairs, clean tank with wire brush, pressure washer or steam cleaner (for organics). Capture rinsate water for treatment.
 - e. Specific repairs to a tank must be approved by Burlington Environmental's Engineering Department and Regulatory Affairs Department for compliance with 40 CFR 264.196(f) and WAC 173-303-640(7)(F).

Transfer Lines and Piping

- Alert others who may be endangered, call for back up, use alarm signals (Table G4-1).
- Cut off flow, close valves, shut down pumps.
- Immediately notify EC (Table G2-1).
- Use appropriate protective clothing and equipment.
- Remove or isolate incompatible wastes from the affected area when possible.
- After quantity and character of spill has been determined, transfer spilled material in sumps or bermed area to an appropriate storage/treatment tank.

Releases to Air

- Alert others who may be endangered, call for back up, use alarm signals (Table G4-1).
- Move people from downwind.
- Immediately notify EC (Table G2-1).
- Use appropriate protective clothing and equipment.
- Eliminate ignition sources.
- Control emissions by cutting off source.

Non-Permitted Discharge to Sewer

- Cut off flow, close valves, shut down pumps.
- Immediately notify EC (Table G2-1).
- Record event, noting quantity, source and duration of release.

Flooding Conditions

- Alert others who may be endangered, call for back up, use alarm signals (Table G4-1).
- Use appropriate protective clothing and equipment.
- Eliminate ignition sources, shut down operations.
- Immediately notify EC (Table G2-1).
- Use diking to prevent flooding of and around buildings and structures where necessary.
- Use portable pumps to remove excess water from sumps and/or secondary containment areas, pump to appropriate storage/treatment tank or tank truck.

G4.3.4 Damaged Shipments

Damaged or leaking shipment control procedures will be initiated when:

- a. Further transportation would present a hazard to public health or the environment.

- b. The shipment presents an unreasonable hazard to facility operations, or to facility personnel.

Control procedures are as follows:

- Alert others who may be endangered, call for back up, use alarm signals (Table G4-1).
- Use appropriate protective clothing and equipment.
- Determine if leak can be stopped readily.
- Immediately notify EC (Table G2-1) who will call in contractor clean-up/control assistance as needed.
- Attempt to contain spills or runoff by use of absorbent materials and diking.
- Contain and prevent further migration of any visible release to the environment outside of containment, provide for removal and proper disposal of visibly contaminated soil or surface water.

G4.4 Prevention of Recurrence

40 CFR 264.56(e), (f), 264.56(h) (1)

WAC 173-303-360(2)(f), (g), 360(2)(i) (i)

The EC will take all necessary steps to ensure that a secondary release, fire or explosion does not recur after the initial incident. The EC will ensure that no wastes that may be incompatible with the released material will be treated or stored in the affected area. Waste compatibility can be determined using the ASTM Incompatibility Chart and procedures entitled, "Proposed Guide for Estimating the Incompatibility of Selected

Dangerous Wastes Based on Binary Chemical Reaction" or by sampling and analysis of wastes for appropriate analytic parameters (see Section C, Waste Analysis Plan).

If the facility stops operations in response to a fire, explosion or release, the EC will monitor associated tanks for leaks, pressure build up, gas generation or leaks and ruptures in valves, pipes or other equipment until the emergency has ended and normal operations can resume.

The EC together with the assistance of Burlington Environmental's Engineering, Operations and Regulatory Affairs Departments will evaluate the incident to understand why and how the incident occurred and what modifications can be initiated to prevent a recurrence of the same or similar situation. Evaluations will include equipment design, operational procedures, response tactics and personnel safety.

G5.0 EMERGENCY EQUIPMENT

Revised: PRMOD 1-1

40 CFR 264.52(e)

WAC 173-303-350(3)(e)

Table G5-1 lists the type, location, and description of emergency equipment maintained on site at the Pier 91 Facility. Figure G4-3 shows the locations of the facility's emergency equipment and Figure G4-4 shows the locations of the fire control equipment. Quantities of emergency equipment listed in Table G5-1 represent minimum stock quantities. Procedures for regular inspection of emergency equipment are described in Section F2.0, Inspection Schedule.

TABLE G5-1. EMERGENCY EQUIPMENT, PIER 91 FACILITY

Sheet 1 of 6

EQUIPMENT	LOCATION	DESCRIPTION/USE/CAPABILITIES
Absorbent Materials	whse. bldg. 19	- free liquid absorption, diking, spill containment
- diatomaceous earth	"	- "quick sorb", "sorb oil" - 33 lb. bags, stock 30 total
- 3M pads	"	- oil absorbent, water repellent - stock 100 total
Overpack Drums	DW area, whse. bldg. 19	- contain leaking drums - 85 gal. - stock 5 total
Spill Response Kits	DW area, whse. bldg. 19	- clean up small spills, drips - drum containing absorbent and shovel
Hand Tools	whse. bldg. 19 maintenance area	
- brooms	"	- clean up - hand and push type, stock 4 total
- shovels	whse. bldg. 19 maintenance area, spill response kits	- spreading, digging - spade and flat blades, stock 8 total
- squeegees	"	- corral free liquids - stock 4 total

TABLE G5-1. (continued)

EQUIPMENT	LOCATION	DESCRIPTION/USE/CAPABILITIES
- scrapers	"	- scraping, chipping - stock 3 total
- wheelbarrow	"	- hauling, consolidation - stock 1 each
- visqueen (plastic)	"	- protection from exposure - appx. 32 x 100 ft. rolls - stock 1 roll
- barrier tape	"	- sealing off areas - high visibility, printed with caution warning - stock 500-1000 feet
Portable Transfer Pump	mobile unit, near loading areas	- liquid removal and transfer - 3 inch, diesel powered, centrifugal - stock 1 each
Portable Transfer Hoses	loading/unloading tank system containment areas	- liquid removal and transfer - 2 to 4 inch, wire ribbed, cross link polyethylene, rubber - 100-200 feet total
Drip Buckets	loading/unloading areas primarily	- contain small drips, leaks - 5 to 10 gal. - 5 total

TABLE G5-1. (continued)

Sheet 3 of 6

EQUIPMENT	LOCATION	DESCRIPTION/USE/CAPABILITIES
Respirator Cartridges	equipment storage room, bldg. 19	<ul style="list-style-type: none">- vapor, fume, dust protection- organic, hepa; disposable- stock 10-20 each
Gloves	"	<ul style="list-style-type: none">- protection from exposure- latex or cotton- stock 10-20 pair
Boots	"	<ul style="list-style-type: none">- protection from exposure- steel toed, rubber- stock 2-4 extra pair
Rain Suits	"	<ul style="list-style-type: none">- protection from exposures- neoprene, jackets and pants- stock 2-4 extra suits
Hearing Protection	"	<ul style="list-style-type: none">- foam plug type- stock 1 box
First Aid Kits	plant office, DW area, operations office	<ul style="list-style-type: none">- on-site first aid, minor injuries
Eye Wash Stations and Showers	see Figure G4-3	<ul style="list-style-type: none">- decontamination, emergency aid- located at possible exposure areas, easily accessible

TABLE G5-1. (continued)

EQUIPMENT	LOCATION	DESCRIPTION/USE/CAPABILITIES
Fire Hydrants	see Figure G4-4	<ul style="list-style-type: none">- fire control water supply- several hydrants on and adjacent to facility grounds
Foamite System	see Figure G4-4	<ul style="list-style-type: none">- fire suppressant system plumbed directly into tanks (Non-RCRA only) and with separate hose outlets throughout facility- independent water supply tank, and fuel powered pumps- manually activated and controlled by manifolds
Fire Extinguishers	see Figure G4-4	<ul style="list-style-type: none">- portable, multi and specific purpose, size and type; A=ordinary combustibile, B=flammable liquids, C=electrical
#1	laboratory, bldg. 19	10 lb. ABC
#2	office, bldg. 19	10 lb. ABC
#3	locker room, bldg. 19	10 lb. ABC
#4	foamite/pump bldg.	10 lb. ABC
#5	center west wall whse., bldg. 19	20 lb. ABC

TABLE G5-1. (continued)

Sheet 5 of 6

EQUIPMENT	LOCATION	DESCRIPTION/USE/CAPABILITIES
#6	center east wall whse. bldg. 19	20 lb. ABC
#7	central product storage area bldg. 19	20 lb. ABC
#8	south product storage area bldg. 19	20 lb. ABC
#9	center post of whse., bldg. 19	20 lb. ABC
#10	outside shop, bldg. 19	20 lb. ABC
#11	inside shop, bldg. 19	10 lb. ABC
#12	east warehouse door	20 lb. ABC
#13	boiler room (SW of boiler)	20 lb. ABC
#14	operations office	10 lb. ABC
#15	brake room	10 lb. ABC
#16	DW loading/unloading area	20 lb. ABC
#17	electrical control, bldg. 25	20 lb. ABC
#18	DW area, north end	20 lb. ABC
#19	DW loading/unloading area (planned)	20 lb. ABC

TABLE G5-1. (concluded)

EQUIPMENT	LOCATION	DESCRIPTION/USE/CAPABILITIES
#20	DW area, south end	20 lb. ABC
Alarm Horns	see Figure G4-1	<ul style="list-style-type: none">- compressed CO₂ air horns- reliable, simple operation, self contained- audible up to one mile away
Telephone/Intercom	see Figure G4-1	<ul style="list-style-type: none">- voice communication, warning and direction- all phones capable of intercom access and outside dialing- phone system equipped with battery back up
Two-Way Radios	main office, mobile units	<ul style="list-style-type: none">- voice communication, warning and direction, kept on person- battery powered, on charge when not in use
Emergency Lighting and Lanterns	see Figure G4-3	<ul style="list-style-type: none">- enclosed bldgs. have AC/battery lights, lanterns located outside and throughout plant
Electrical Control Panels	DW area, electrical bldg. 25, boiler room bldg. 19	<ul style="list-style-type: none">- circuit breaker panel for facility electrical system and equipment
Fork Lift	mobile unit	<ul style="list-style-type: none">- general use, equipped with drum handling attachment

G6.0 POST-EMERGENCY PROCEDURES

Revised: PRMOD 1-1

G6.1 Storage and Treatment of Released Materials

40 CFR 264.56(g), 264.56(h)(1)

WAC 173-303-360(2)(h), 360(2)(i)(i)

Once the emergency situation has ended, the EC will initiate the proper clean up, storage and treatment of the released material and residues. This will occur as soon as possible in order to minimize potential danger to public health or the environment. The EC will also check to be sure that incompatible wastes are not treated or stored in the affected area while clean up and decontamination procedures are underway.

Released materials within the secondary containment areas of the tank system and associated loading/unloading areas will be pumped to compatible storage or treatment tanks. Leaking containers will be segregated and placed in overpack drums if necessary. The released material and the contents of the leaking drums will be transferred to specification containers for storage. Spilled sludges generated on site from treatment processes will be consolidated for storage. On-site treatment operations will occur if the facility is capable of treating the material. If not, the material will be stored for shipment to an alternate treatment facility. Rinsate from decontamination of emergency response equipment will be handled in the same manner.

Spill residues and clean-up materials such as absorbents, diking material and protective clothing will be consolidated for storage and off-site disposal. Water from fire control or flooding will be analyzed for discharge permit limits and any

additional constituents that are suspected or known to be present prior to processing. A determination of the appropriate management method will be made based on the results of these analyses. If discharge limits are met, and Metro has given authorization to discharge, the liquid will be discharged directly to the sanitary sewer system. If discharge limits are not met, the material will be treated on-site or transported off-site for treatment and/or disposal.

G6.2 Equipment Decontamination and Maintenance

40 CFR 264.56(h)(2)

WAC 173-303-360(2)(i)(ii)

The EC is responsible for initiating and overseeing post-emergency equipment replenishment, maintenance and inspection prior to resuming operations in the affected area.

All equipment used during the emergency will be decontaminated (if necessary) and readied for future use. Decontamination will be done by steam cleaning and/or triple washing with appropriate cleaner. All rinsate will be contained and treated on site. Fire extinguishers will be recharged and personnel protective equipment and absorbent materials replenished.

The emergency equipment available on site is listed in Table G5-1. The inspection of the emergency equipment will be conducted using Burlington Environmental Inc. standard in-plant inspection forms for both emergency and facility-wide equipment (see Section F2.0, Inspection Schedule).

G6.3 Reactivation of Activities in the Affected Area

40 CFR 264.56(i)

WAC 173-303-360(2)(j)

Prior to resuming operations and upon consultation with Burlington Environmental's Regulatory Affairs Department, the EC will notify the Washington Department of Ecology that the facility is in compliance with WAC 173-303-360(2)(j). This regulation specifies that before operations are resumed in the affected area(s) of the facility, all emergency equipment used for the emergency must be cleaned and fit for its intended use, and no waste that may be incompatible with the released material may be treated or disposed of until clean-up procedures are completed.

G6.4 Personnel Debriefing

The EC, together with the assistance of Burlington Environmental's Engineering, Operations and Regulatory Affairs Departments, will conduct debriefings of plant personnel and local authorities to assess the effectiveness of the preparedness and prevention measures, response activities, control and evacuation procedures related to the incident. Based on this review, the Contingency Plan will be evaluated and updated as needed.

G7.0 COORDINATION AGREEMENTS

Revised: PRMOD 1-1

40 CFR 264.37, 264.52(c), 264.53(b)

WAC 173-303-340(4), 350(3)(c), 350(4)(b)

Burlington Environmental Inc. has established coordination agreements with local emergency response providers and state and local emergency response teams. Public agencies and emergency service providers that have entered into coordination agreements are listed below along with their addresses, telephone numbers and summary statement regarding terms of the coordination agreement.

The agencies/organizations listed below have been provided copies of the Pier 91 Facility Contingency Plan to familiarize them with the properties of the dangerous waste handled at the facility, the associated hazards, places where facility personnel would normally be working, entrances to and roads inside the facility, and possible evacuation routes.

The fire department will have the most significant role in emergency response and is kept familiar with the Pier 91 Facility operations through several facility visitations per year.

As required in Section 311 and 312 of SARA Title III, Burlington Environmental Inc. submits MSDS (Material Safety Data Sheets) and Tier II Emergency Hazardous Chemical Inventory forms annually to the State and Local Emergency Planning Committees, and the Seattle Fire Department. The information includes type, quantity, location, physical characteristics, and safety and health information of hazardous chemicals stored/treated on site. This information is available to local hospitals, police, and paramedics through the Local Emergency Planning Committee.

An example arrangement letter is provided in Appendix G-4. Burlington Environmental invites emergency response agencies/organizations to tour the Pier 91 Facility. Unsigned or non-returned copies of current arrangement letters are filed in the operating record of the facility.

Seattle Fire Department

DIAL 911 - EMERGENCY

301 2nd Avenue South
Seattle, WA 98104

(206) 386-1400

The Seattle Fire Department is kept familiar with the Pier 91 Facility operations through several facility visitations per year, including an annual inspection per WAC 173-303-395(1)(d). The Seattle Fire Department is capable of assisting in hazardous materials response and has general fire fighting capabilities. Medical response, hospital and police are contacted as needed via the 911 system for injury or evacuation emergencies. In the event of an emergency requiring evacuation, such decisions will be made and implemented by the fire department after consultation with the Emergency Coordinator. The Seattle Fire Department has received a current copy of the Pier 91 Facility Contingency Plan.

Seattle Police Department

DIAL 911 - EMERGENCY

The Seattle Police Department will provide assistance in traffic and security control in the event of an emergency and will assist in the evacuation of neighboring areas should evacuation be necessary.

Port of Seattle

(206) 728-3190

2201 Alaskan Way South
Seattle, WA 98121

The Port of Seattle provides 24-hour guard controlled access to the Port and Pier 91. Port of Seattle guards periodically patrol the area of the facility. The Port of Seattle has received a current copy of the Pier 91 Facility Contingency Plan.

Swedish Hospital Medical Center

(206) 386-6048

747 Summit Avenue
Seattle, WA 98104

Occupational Health Nurse

(206) 386-2573

Emergency Room

The Swedish Hospital Medical Center will provide emergency care during off-hours to persons exposed to hazardous materials at the Pier 91 Facility, and to persons injured as a result of an accident or fire. The Occupational Health Nurse has received a current copy of the Pier 91 Facility Contingency Plan.

Foss Environmental Services Co.

7440 W. Marginal Way South
Seattle, WA 98108

(206) 767-0441

Foss Environmental Services Co. has agreed to provide emergency response services in the event of an incident beyond the response capabilities of Burlington Environmental Inc. Pier 91 Facility and equipment. Foss Environmental Services Co. has received a current copy of the Pier 91 Facility Contingency Plan.

Washington Department of Ecology

(206) 649-7000

24 Hour Emergency

Washington Department of Ecology
Northwest Regional Office
3190 160th Avenue SE
Bellevue, WA 98008-5452

The Washington Department of Ecology will be immediately contacted in the event of a reportable spill or release to the environment. All necessary information will be provided as per WAC 173-303-360. The Washington Department of Ecology has received a current copy of the Pier 91 Facility Contingency Plan.

Metro - Municipality of
Metropolitan Seattle

Metro Environmental Laboratory
Industrial Waste Section
322 W. Ewing Street
Seattle, WA 98119-1507

(206) 684-2328

West Point Treatment Plant

(206) 684-1800

24 Hours

Metro will be immediately notified of any unpermitted, unapproved and/or accidental discharge to the sanitary sewer. Within 14 days of the occurrence, a written notification discussing circumstances and remedies will be submitted to Metro. Metro has received a current copy of the Pier 91 Facility Contingency Plan.

U.S. Coast Guard

(800) 424-8802
National Response Center

Commanding Officer
U.S. Coast Guard
Marine Safety Office - Puget Sound
1519 Alaskan Way South
Seattle, WA 98134-1192
Attn: Port Operations

(206) 286-5540
24-Hour Local No.

The local U.S. Coast Guard On-scene Coordinator is contacted directly, as well as, through the National Response Center, for spills on the navigable waters or contiguous zone of the United States. The U.S.C.G. station at the above address has received a current copy of the Pier 91 Facility Contingency Plan.

Puget Sound Air Pollution
Control Agency (PSAPCA)
110 Union Street, Suite 500
Seattle, WA. 98101

(206) 343-8800
(800) 552-3565

PSAPCA will be contacted in the event of a gaseous release in violation of an ambient air quality standard, or such that the release is injurious to human health. PSAPCA has received a current copy of the Pier 91 Facility Contingency Plan.

G8.0 EVACUATION PLAN

Revised: PRMOD 1-1

40 CFR 264.52(f)

WAC 173-303-350(3)(f)

In the event a fire or release of a hazardous material could endanger the lives of persons in and outside the facility premises, evacuation of the facility will occur according to procedures outlined below. Figure G8-1 shows exit routes and assembly areas to be used during evacuation. Maps indicating the exit routes and assembly areas are posted throughout the facility (e.g. tank systems, warehouses, office).

- The EC coordinates all evacuation procedures.
- All personnel will be immediately notified by verbal or visual instruction or by audible signal of an emergency requiring evacuation to the primary or secondary assembly area.
- Neighboring facilities/personnel will be notified if necessary by Burlington Environmental Inc. or by emergency response personnel (e.g. police, fire).

Verbal Instruction - Telephone/Intercom or 2-Way Radio

- | | |
|--|--|
| - Dial INTERCOM; declare evacuation,
state which assembly area
(primary or secondary) is
to be used | - evacuate plant;
shut down
equipment, proceed
to designated
assembly area |
|--|--|

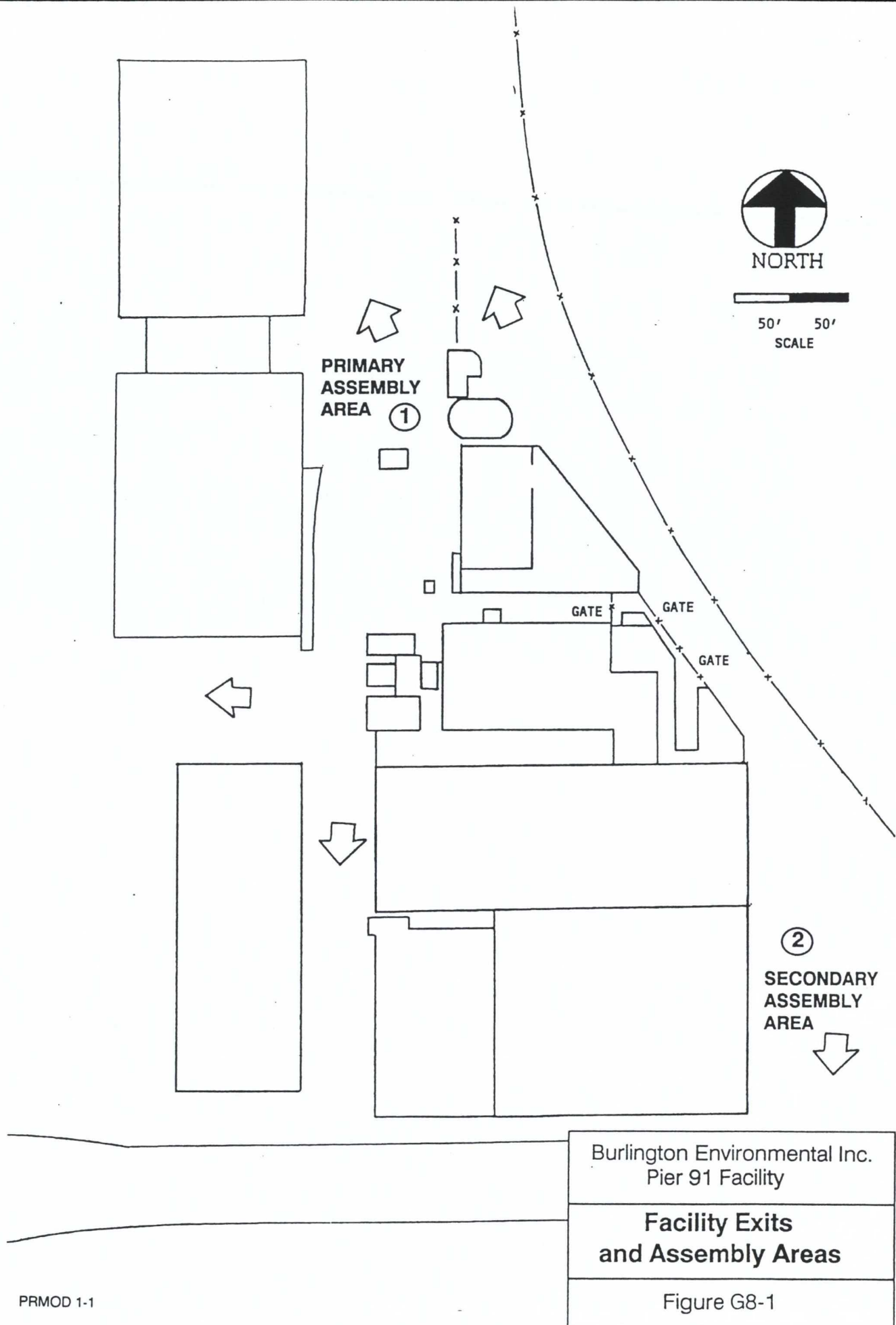
Audible Signal - Alarm Horn

- | | |
|--|--|
| - one long (10-15 sec) signal;
repeat | - evacuate plant;
shut down
equipment, proceed
to <u>primary</u>
assembly area |
| - one long (10-15 sec) signal
followed by one short (2-3 sec)
signal; repeat | - evacuate plant;
shut down
equipment, proceed
to <u>secondary</u>
assembly area |

Visual/Verbal Instruction - Hand Signal/Voice

- | | |
|--|--|
| - directional waving of arms,
pointing, shouting of
instructions | - emergency situation
e.g. spill, fire,
injury, evacuation;
proceed as directed |
|--|--|
- The primary assembly area is outside the main office to the northwest; if this area is downwind of potentially hazardous emissions, the secondary assembly area southeast of the dangerous waste area be utilized (Figure G8-1).
 - At the assembly area, the EC or designee will account for all persons by employee head count and visitor logs.
 - Call 911 - Emergency.
 - Notify neighboring facilities/personnel if necessary.
 - The Seattle Fire Department in conjunction with the EC will determine the need to evacuate beyond the area of the facility.

- No one will re-enter the facility during evacuation conditions without the permission of the EC and without the proper protective clothing and equipment.
- Approval of the safe re-occupancy of the facility will be determined by the EC in consultation with the responding emergency service agencies.



G9.0 INCIDENT REPORTS

Revised: PRMOD 1-1

40 CFR 264.56(j), 264.196(d)

WAC 173-303-360(2)(j),(k)

After an emergency episode requiring the complete implementation and notification outlined in the Contingency Plan, Burlington Environmental Inc. will complete the following notification requirements:

a) The Emergency Coordinator in conjunction with the Regulatory Affairs Department will immediately notify appropriate agencies of a reportable release, following procedures described in Section G4.2, Notification. This includes required notification of a reportable quantity release to the Local Emergency Planning Committee and the State Emergency Planning Commission as required by 40 CFR 355.

b) Burlington Environmental Inc. will submit to the Washington Department of Ecology, within 15 days of the incident, a written report detailing the following:

- Name, address and telephone number of facility owner or operator,
- Name, address and telephone number of facility,
- Date, time and type of incident (e.g. fire, explosion),
- Cause of the incident,
- Name and quantity of material(s) involved,
- Extent of injuries, if any,
- An assessment of actual or potential hazards to public health or the environment, where applicable,
- Estimated quantity and disposition of recovered material(s) that result from the incident, and
- Measures taken to prevent reoccurrence of this type of incident.

c) Burlington Environmental Inc. will submit in writing as soon as possible, information as outlined in 40 CFR 355.40(b)(1) to the Local and State Emergency Planning Committees. The information shall include an update regarding:

- The chemical name of substance released,
- Whether or not the substance is an Extremely Hazardous Substance,
- An estimate of the quantity released into the environment,
- The time and duration of the release,
- The medium or media into which the release occurred,
- Any known or anticipated acute or chronic health risks associated with the emergency and (where appropriate) advice regarding medical attention necessary for exposed individuals,
- Proper precautions to take as a result of the release, including evacuation,
- Names and phone numbers of persons to contact,
- Summary of actions taken to respond to and contain the release,
- Summary of any known acute or chronic health risks, and
- Any advice regarding medical attention necessary for exposed individuals.

d) As described in Section G6.3, prior to resuming operations and upon consultation with Burlington Environmental's Regulatory Affairs Department, the EC will notify the Washington Department of Ecology that the facility is in compliance with WAC 173-303-360(2)(j). This regulation specifies that before operations are resumed in the affected area(s) of the facility, all emergency equipment used for the emergency must be cleaned and fit for its intended use, and no waste that may be incompatible with the released material may

be treated or disposed of until clean up procedures are completed.

e) Burlington Environmental Inc. will submit a written report to Metro - Municipality of Metropolitan Seattle within 14 days of an unpermitted discharge. The report will contain the following information:

- Circumstances of release,
- Quantity and quality of discharge, and
- Remedies taken to prevent recurrence.

f) Within 30 days of detection of a release to the environment from the failure of a tank system or secondary containment system, a report will be submitted to the Washington Department of Ecology (Ecology) containing the following information:

- Likely route of migration of the release,
- Characteristics of the surrounding soil (soil composition, geology, hydrogeology, climate),
- Results of any monitoring or sampling conducted in connection with the release (if unavailable within 30 days, data to be submitted as soon as becomes available),
- Description of response actions taken or planned.

G10.0 AMENDMENTS TO CONTINGENCY PLAN

Revised: PRMOD 1-1

40 CFR 264.54

WAC 173-303-350(5)

The Contingency Plan will be reviewed and amended for the following reasons:

- a. Applicable regulations or the facility permit are revised.
- b. The plan fails in an emergency.
- c. The facility changes (in its design, construction, operation, maintenance, or other circumstances) in a way that materially increases the potential for fires, explosions, or releases of dangerous waste or dangerous waste constituents, or in a way that changes the response necessary in an emergency.
- d. The list of Emergency Coordinators changes.
- e. The list of emergency equipment changes.

Copies of the updated Contingency Plan will be distributed to the emergency agencies listed in Section G7.0, Coordination Agreements, and Burlington Environmental Inc. personnel responsible for its implementation. A master distribution list is maintained at the Burlington Environmental Inc. corporate office for verification that each agency or facility has the most recent version of the plan.

APPENDIX G-1

EXAMPLE LETTER OF AUTHORIZATION -
EMERGENCY COORDINATORS



BURLINGTON ENVIRONMENTAL

June 1992

To Whom It May Concern:

Burlington Environmental Inc. hereby grants to the individuals designated as "Emergency Coordinators" for the control of regulated waste(s) emergencies in the approved Contingency Plan of the Pier 91 Facility, authority to commit such resources of Burlington Environmental Inc. as are needed to carry out the Contingency Plan.

Michael P. Keller
Vice President of Operations
Burlington Environmental Inc.

Appendix G-2

CLEAN UP PLAN FOR RELEASE TO SOIL

APPENDIX G-2

Clean up Plan for Release to Soil

- a. Contain and remove excess released material.
- b. Based on visual observation of aerial extent, remove contaminated soil.
- c. Take representative samples of spill and background area, and of spilled material if necessary.
- d. Analyze the samples for appropriate parameters and characteristics of the spilled material.
- e. Based on analysis of the representative samples, determine if the released material has contaminated the soil beyond the initial excavation and if further excavation of the spill area is needed.
- f. If further excavation is necessary, repeat analytic procedures until satisfactory results are obtained.
- g. Excavated soil will be analyzed to determine the appropriate storage, treatment or off-site disposal measures.

Standard sampling methods, labeling, chain of custody and analytic procedures will be used. Test Methods for Evaluating Solid Waste, SW-846, U. S. Environmental Protection Agency, November 1986, will be used as a guideline.

The spill area will be cleaned up such that the levels of dangerous waste or dangerous waste residues do not exceed

background environmental levels, for any waste managed at the facility, which is either listed under discarded chemical product or dangerous waste sources (WAC 173-303-081 or 082) or is designated by the dangerous waste characteristics of WAC 173-303-090, and at least the designation limits of dangerous waste mixtures (WAC 173-303-084), or toxic, persistent, or carcinogenic dangerous wastes (173-303-101 through 103), for any waste managed at the facility, which is not listed under WAC 173-303-081 or 082 and is not designated by the characteristics of WAC 173-303-090. Clean-up levels developed under the Model Toxics Control Act (MCTA) Clean-up Standards of WAC 173-340 may also be applicable for removal or decontamination, if appropriate.

APPENDIX G-3

EXAMPLE EMERGENCY INFORMATION
REPORTING FORM

BURLINGTON ENVIRONMENTAL INC.
PIER 91 FACILITY
2001 West Garfield Street, Seattle, WA. 98119 (206) 284-2450

Ecology- NWRO (206) 649-7000 State/Local ERC (800) 258-5990 National Response Center (800) 424-8802

INCIDENT REPORT FORM

NAME OF REPORTER:		PHONE NO.:
NAME(S) & PHONE NO(S) OF OTHER(S) RESPONDING:		
DATE:	LOCATION AT FACILITY:	
TIME:	WEATHER CONDITIONS:	
TYPE OF INCIDENT: (SPILL, GAS RELEASE, ETC.)	MEDIA THROUGH WHICH RELEASE OCCURRED: (AIR, WATER, SOIL, ETC.)	
WAS RELEASE CONTAINED?	CAUSE OF RELEASE:	
POSSIBLE HAZARDS TO THE ENVIRONMENT:		
MATERIAL RELEASED:	LIQUID	GAS SOLID SLUDGE OTHER
DESCRIPTION:	QUANTITY:	
WAS THE MATERIAL AN EXTREMELY HAZARDOUS SUBSTANCE (REF. 40 CFR 355 APPX. A & B) YES NO		
WAS THE MATERIAL A HAZARDOUS WASTE?	YES	NO
WAS THE MATERIAL A DANGEROUS WASTE?	YES	NO
WAS THE REPORTABLE QUANTITY MET:	YES	NO
RQ (lbs) = _____		
LIST ALL WASTE CODES:		
U.S. DOT PROPER SHIPPING NAME:		
HOW WAS RECOVERED MATERIAL MANAGED, LABELED?		
CORRECTIVE ACTIONS TAKEN:		
EXTENT OF INJURIES:		
ASSOCIATED ACUTE OR CHRONIC HEALTH RISKS (IF KNOWN):		
PRECAUTIONS TO BE TAKEN:		
PERSON CONTACTED IN REGULATORY AFFAIRS:		
DATE:	TIME:	
<u>REGULATORY AFFAIRS</u>		
COMMENTS/OBSERVATIONS/ACTIONS:		
WAS SPILL REPORTABLE?	YES	NO
PERSON/AGENCY CONTACTED:	REPORT NO.:	
DATE:	TIME:	NAME:

APPENDIX G-4

EXAMPLE LETTER OF ARRANGEMENT,
COORDINATION AGREEMENTS

Date

CERTIFIED MAIL

Emergency Service Provider
Address
City, State ZIP

Attn:

Per the requirements of WAC 173-303-350(4)(b), the enclosed is a revised copy of the Contingency Plan for the Burlington Environmental Inc. (BE) Pier 91 Dangerous Waste Storage/Treatment Facility located at 2001 W. Garfield St., Seattle, WA.

This plan provides information for mitigating and controlling the effects of an uncontrolled fire, explosion, or spill originating from the BE Pier 91 Facility.

Please indicate that you have received a copy of the attached Contingency Plan by signing this letter, and returning it in the addressed envelope provided. You are invited to tour the BE Pier 91 Facility at your earliest convenience.

If you have any questions please contact me at (206) 223-0500.

Sincerely,

Regulatory Affairs
Burlington Environmental Inc.

The above addressee has received a copy of the BE Pier 91 Facility Contingency Plan revised mm/dd/yr.

NAME _____

SIGNATURE _____

TITLE _____

DATE _____